Mohammed Faizan Ahmed

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SUMMARY

MERN Stack Developer with strong skills in building full-stack web applications and a keen interest in AI/ML. Experienced in JavaScript, React, Node.js, and REST APIs, with a focus on creating scalable, responsive solutions. Passionate about integrating intelligent features into modern web applications.

WORK EXPERIENCE

Research Intern(iHub-Data, IIIT Hyderabad)   May 2025 - present

Working on predictive modeling using Python, scikit-learn, and Pandas. Handled data preprocessing, model training, and evaluation for classification tasks. Collaborated on generating insights and visualizations using Matplotlib and Seaborn.

AI/ML Virtual Internship (Google Online)   Jan 2025 - Mar 2025

Completed a 3-month virtual internship covering foundational and applied machine learning. Built ML models using Python and TensorFlow, focusing on supervised learning, model evaluation, and real-world problem-solving. Gained hands-on experience through guided projects and assessments on Google's learning platform..

PROJECTS

Depression Detection and Emotion Recognition using Machine Learning

Designed an ML-based system to detect depression and recognize emotions using text and facial data. Implemented NLP techniques and facial feature extraction with models like SVM and CNN. Utilized Python, OpenCV, and scikit-learn to build and evaluate the model for mental health screening.

Portfolio Website (HTML, CSS, JavaScript)

Designed a sleek, dynamic portfolio website for a professional, highlighting their expertise and creative work.

Built an intuitive layout with seamless navigation and responsive design for optimal user experience.

EDUCATION

2021 - 2025	Bachelor's Degree at **ISL ENGINEERING COLLEGE**	(GPA: 8.1)
2019 - 2021	Intermediate(XII) at **NARAYANA JUNIOR COLLEGE**	(PER: 90%)

PUBLICATIONS

Ahmed, Mohammed Faizan (2025). "Depression Detection Using Machine Learning Techniques on X/Twitter Data". In: *International Journal of Information Technology and Computer Engineering* Vol 13.2s, p. 8. URL: https://doi.org/10.62647/IJITCE2025V13I2sPP225-232.

TECHNICAL SKILLS

Languages:	Java, Python, SQL (MySql), JavaScript, HTML/CSS,
Frameworks:	React, Node.js, Flask, Spring Boot,Tailwind CSS, REST API, TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Matplotlib,
Developer Tools:	Git, VS Code, Eclipse, PyCharm